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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/603,020	06/26/2000	Kevin D. Howard	387785	2865
75	90 09/16/2003			
CURTIS A. VOCK, ESQ			EXAMINER	
	AST CIRCLE, SUITE 302		JAROENCHONWANIT, BUNJOB	
BOULDER, CO 80301			ART UNIT	PAPER NUMBER
			2143	7
			DATE MAILED: 09/16/2003	/

Please find below and/or attached an Office communication concerning this application or proceeding.

Applicant in No. — Applicant(s) Dis903.020 HOWARD ET AL.	(A		PRE				
Examiner Sunjob Jaroenchonwanit 2143		Applicati n No.	Applicant(s)				
Bunjob Jaroenchonwanit 2443		09/603,020	HOWARD ET AL.				
The MAILING DATE If this communication appears on the cover sheet with the correspondence address - Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 30 das 34-0-4-11. A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 30 das 34-0-4-11. Estentical or die may be available under the province of 37 CFR 1-13(b). In or event, however, may a reply be timely filed sales to X (6) MCMT/S from the maining date define commons of 37 CFR 1-13(b). In or event, however, may a reply be timely filed sales to X (6) MCMT/S from the maining date of the communication of 37 CFR 1-13(b). In order to X (6) MCMT/S from the maining date of the communication. Period of the communication of the communication is the common sales and the communication. Period filed, may reduce the second date of the communication of the communication of the communication. Period filed, may reduce the second date of the communication of the communication of the communication. Period filed, may reduce the second date of the communication o	Office Action Summary	Examiner	Art Unit				
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THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 3° CPR 1.13(b). In or event, however, may a raply be timely fliad after SD (6) MCNTHS from the mailing date of this communication. - Fallue to reply within the set or extended pend of the communication. - Fallue to reply within the set or extended pend of the reply will be adapted with the provision of the p		ears on the cover sheet with the	e correspondence address				
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-32 is/are pending in the application. 4a) Of the above claim(s) is/are epidentian. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to by the Examiner. 10) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 10) The proposed drawing correction filed on is: a) proved by disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No. 2. Copies of the certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. 15) A	A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 30 day MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
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Application/Control Number: 09/603,020

Art Unit: 2143

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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
- I. Claims 1-27, drawn to a system, apparatus, and method for resource utilization, cost estimation and payment collection for using the resource, classified in class 709, subclass 223 and 226.
- II. Claims 28-32, drawn to a system, apparatus, and method for parallel processing of an array of processor through network switch, utilizing common thread, comparison thread speed and switching threads, classified in class 709, subclass 108, 201, 248-249.
- 2. The inventions are distinct, each from the other because of the following reasons: Inventions II and I are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I has separate utility such as allowing usable for cost estimation, calculation for resources processing of servicing fee, include using of various accounting payment collection; invention II has separate utility such as allowing utilizing array of processors through a network switch, comparison thread speed of each processor with speed of the switch thread, switching the threads as necessary. See MPEP § 806.05(d).
- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

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4. Because these inventions are distinct for the reasons given above and the search required for each of Groups I-II is not required for each of the other Groups, restriction for examination purposes as indicated is proper.

- 5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.
- 6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).
- 7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bunjob Jaroenchonwanit whose telephone number is (703) 305-9673. The examiner can normally be reached on 8:00-17:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (703) 308-5221. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3800.

/bj 9/15/03

UNJOB JARGENCHONWANI)
PRIMARY EXAMINER